MAP SHOWING THE DISTRIBUTION OF TERTIARY IGNEOUS ROCKS, CENTRAL PART OF FRONT RANGE MINERAL BELT, GILPIN AND CLEAR CREEK COUNTIES, COLORADO

Base from Topographic Division, U. S. Geological Survey preliminary photogrammetric compilation

SCALE 1:12 000

CONTOUR INTERVAL 100 FEET
DATUM IS MEAN SEA LEVEL

Geology mapped in 1952–54

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.

EXPLANATION

TERTIARY

HORNBLENDE GRANODIORITE GROUP

Tmd — Biotite-quartz latite porphyry

BOSTONITE GROUP

Tqb — Quartz bostonite porphyry

Tt — Trachytic granite porphyry

Tb — Bostonite porphyry

Tbg — Garnetiferous bostonite porphyry

QUARTZ MONZONITE GROUP

Ta — Alaskite porphyry

Tg — Granite porphyry

Tqm — Biotite-quartz monzonite porphyry

Tqp — Quartz monzonite porphyry

LIGHT-COLORED GRANODIORITE GROUP

Tas — Alkalic syenite porphyry

Tagd — Albite granodiorite porphyry

Tgd — Light-colored granodiorite porphyry

Tbgd — Biotite granodiorite porphyry

Thgd — Hornblende granodiorite porphyry

Brecciated wallrock inclusions

Adit

Shaft

APPROXIMATE MEAN DECLINATION, 1960

INDEX MAP SHOWING AREAS OF MAPPING RESPONSIBILITY

A. E. Dearth

E. W. Tooker

P. K. Sims, A. A. Drake, Jr., and E. W. Tooker (in preparation)

F. B. Moore and C. C. Hawley

R. H. Moench and A. A. Drake, Jr.

J. E. Harrison and J. D. Wells (1956)

J. E. Harrison and J. D. Wells (1959)